



2173
2000P14826US//1140668-0028

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

Applicant : Schmitt, et al.
Serial No. : 09/911,586
Filed : July 24, 2001
For : FLOWCHART PROGRAMS FOR INDUSTRIAL
CONTROLLERS, IN PARTICULAR MOTION CONTROLLERS
Examiner : To Be Assigned
Group Art Unit : To Be Assigned

APR 28 2004

Technology Center 2100

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8	
I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope addressed to:	
Commissioner for Patents P.O. BOX 1450 Alexandria, VA 22313-1450	
Scott Weingaertner Name of Sender	37,756 PTO Reg. No.
<i>Scott Weingaertner</i> Signature	April 23, 2004 Date of Signature

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
BEFORE MAILING OF FIRST OFFICE ACTION**

Sir:

Applicants submit this communication and the attached Forms PTO/SB/08A and PTO/SB/08B in compliance with 37 C.F.R. §§1.56, 1.97 and 1.98.

Consideration of the documents cited on the attached Forms PTO/SB/08A and PTO/SB/08B are respectfully requested. A copy of the cited references are attached with this communication.

Applicants also provide English language Abstract translations of EP 0 735 444, published October 2, 1996; EP 0 774 701, published May 21, 1997; and WO 97/25661, which corresponds to DE 196 00 882, published September 4, 1997.

Applicants are providing an English language translation of documents, "Einfach und werkstattnah programmieren G05B 19/409," and "SPS/IPC/Drives – Tagungsband," and "NC/CNC Handbuch, 1995," cited on PTO/SB/08B and published in the German language. The documents, including the translations, are directed to general background information on CNC and SPS controls.

Applicants also enclose a copy of a search report issued by the European Patent Office, EP 01 10 7924, which is a European patent application related to the instant application.


Applicants bring to the Examiner's attention the co-pending, commonly-assigned U.S. non-provisional patent applications, Serial Nos. 09/912,128, filed July 24, 2001; 09/838,803, filed April 20, 2001; and 09/911,585, filed July 24, 2001. Copies of the co-pending specifications and preliminary amendments are also enclosed.

TIME OF TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits according to 37 C.F.R. §1.97(b)(3). Therefore, no fee is due in connection with this filing. However, should any fee be deemed necessary in connection with this filing, the Assistant Commissioner is hereby authorized to charge the fee to Deposit Account No. 23-1703.

Dated: *April 23*, 2004

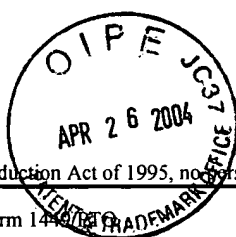
Respectfully submitted,



Scott T. Weingaertner
Reg. No. 37,756
Attorney for Applicants

Customer No. 007470
White & Case LLP
Direct Dial: (212) 819-8404

Enclosures



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	09/911,586		
		Filing Date	July 24, 2001		
		First Named Inventor	Regina Schmitt		
		Art Unit	To Be Assigned		
		Examiner Name	To Be Assigned		
Sheet	1	of	2	Attorney Docket Number	2000P14826US//1140668-0028

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-4,646,228	02-24-1987	Ikeda	
		US-5,321,603	06-14-1994	Schwenke	
		US-5,392,207	02-21-1995	Wilson et al.	
		US-5,434,489	07-18-1995	Cheng et al.	
		US-6,571,138 B1	05-27-2003	Okada et al.	
		US-5,479,354	12-26-1995	Husslein, Manfred	
		US-5,790,437	08-04-1998	Schuh et al.	
		US-5,909,372	06-01-1999	Thybo, Claus	
		US-6,294,891 B1	09-25-2001	McConnell et al.	
		US-4,682,278	07-21-1987	Marquardt et al.	
		US-4,837,722	06-06-1989	Sara, Jason	
		US-5,563,526	10-08-1996	Hastings et al.	
		US-5,926,176	07-20-1999	McMillan et al.	
		US-6,055,369	04-25-2000	Sawahata et al.	
		US-6,295,606 B1	09-25-2001	Messerges et al.	
		US-6,412,106 B1	06-25-2002	Leask et al.	
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 196 00 882 C1	09-04-1997	Heesemann		X
		EP 0 735 444 A2	03-26-1996	Siemens Aktiengesellschaft		X
		EP 0 774 701 A1	11-17-1995	Tornos-Bechler SA		X
		EP 0 813 131 A1	06-03-1997	Danfoss A/S		X
		WO 92/02871	02-20-1992	Digital Arts Film & Television Pty. Ltd.		X
		WO 97/25661	07-17-1997	Heesemann		X
Examiner Signature				Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**RECEIVED**

APR 28 2004

Technology Center 2100

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/911,586
				Filing Date	July 24, 2001
				First Named Inventor	Regina Schmitt
				Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	2	of	2	Attorney Docket Number	2000P14826US//1140668-0028

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Einfach und werkstattnah programmieren G05B 19/409, TR Technische Rundschau Heft 37, 1993, pp. 70-71.	X
		HANS B. KIEF, NC/CNC Handbuch, 1995, Forward and pp. 296-297 and 318-319, Carl Hanser Verlag Publishers, Munich, Germany.	X
		JOSEF HUBL, SPS/IPC/Drives – tagungsband, pp. 88-95, November 23-25, 1999, Nurnberg, Verlag Huthig GmbH, Heidelberg, Germany.	X
		"ISaGRAF Overview" by AlterSys Inc., March 2001	X
		"Siemens Industrial Software" by E&M Products, April 2001	
		"PLCopen: Standardization in Industrial Control Programming" by Eelco van der Wal, October 1999	
		"ISaGRAF Target for QNX6" by Pavel Kabanov, Nautsilus Scientific Center, 2001	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.